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Glossary of Terms

ADT (Average Daily Traffic): the number of vehicles to pass a given point on a roadway during a 24-hour period on an average day of a given year. Existing volumes may be measured with a recording device (machine counter) placed on the roadway. Existing volumes may also be estimated, or future volumes forecast, with the aid of computerized travel models representing existing or future land use and transportation networks.

Concrete/P.C.C./A.C.: terms and abbreviations used to describe the materials used in the construction of roadways, bridges, and sidewalks. *Concrete* and *P.C.C.* refer to Portland cement concrete, a material consisting of Portland cement, coarse and fine aggregates, and water. *A.C.* refers to asphaltic concrete, a material consisting of asphalt cement, coarse aggregates, and fine aggregates.

Design Speed: the maximum safe speed that can be maintained over a specified section of roadway when conditions are so favorable that the design features of the roadway govern.

Easement: an interest in land owned by another that entitles its holder to a specified limited use or enjoyment.

Horizontal Curve: a geometric design feature of a roadway that provides a smooth change in direction to the left or right.

Low Profile Landscaping: plantings with mature height of 24 inches.

Major Street/Minor Street: descriptive terms of the relative traffic volumes on two streets at an intersection. The major street carries the higher volume of traffic and is usually wider than the minor street. At a T-intersection, the major street is the through street and the minor street forms the stem of the "T."

Median: the part of the roadway, wider than a double yellow line, that separates opposing directions of traffic. It is usually raised and delineated by curbs and may be landscaped. It may also be depressed or level with the traffic lanes.

Parkway: the part of the street between the face of the curb (or edge of the traveled way) and the ROW line.

Passing Sight Distance: the distance required for a vehicle to safely overtake a slower vehicle on a two-lane roadway by maneuvering into the lane of opposing traffic and then back into the right lane when past the slower vehicle. It is rarely provided on urban streets, but it is common on rural roads in flat or rolling terrain.

Pedestrian-Scale Lighting: adequate and aesthetically pleasing lighting should be provided for safety, security, and a greater sense of comfort for pedestrians of all abilities, allowing them to quickly and accurately recognize cues that will enable their safe navigation. The appropriate height for pedestrian lighting is between 12 and 20 feet. Light standards may also be combined on one post. Low, pedestrian-oriented lights can be affixed to a post and direct light onto sidewalks while the same post may also accommodate auto-oriented lights directed at roadways.

Precise Plan: a detailed, long-term plan for the development of a sub-area of a community plan. Generally, a precise plan would include a residential neighborhood, commercial area, industrial area,

Glossary of Terms

or some geographical area sharing common facilities or problems. Usually a precise plan proposes specific land uses for each parcel and is often based on a detailed grading plan. In some instances, very specific proposals relative to the layout of buildings, parking, and landscaping are included within the precise plan. A precise plan is adopted by resolution.

Right-Of-Way (ROW): the property dedicated for public roadway.

Single Loaded Street: a street serving property (front yard or side yard) on one side only, with no need for access (to a rear yard or to open space) or parking on the other side.

Specific Plan: a tool to implement a general or community plan (policy documents). The minimum contents of a specific plan are stipulated by state law. At various degrees of detail, specific plans address land use, infrastructure, development standards, and implementation measures. Specific plans are adopted by ordinance.

Stopping Sight Distance: the distance required for a vehicle traveling at a particular speed to come to a safe stop to avoid colliding with an object in the roadway. It is measured with a driver's eye height of 3.50 feet (1070 mm) above the roadway and an object height of 6 inches (150 mm) above the roadway. The distance includes vehicular travel during the driver's perception of and reaction to the object and the vehicular travel during braking.

Street Tree: a tree adjacent to a street and located within the public ROW.

Transit-Oriented Development (TOD): a mixed-used community within a typical 2,000-foot (600 m) walking distance of a transit stop and core commercial area. The design, configuration, and mix of uses emphasize a pedestrian-oriented environment and reinforce the use of public transportation without ignoring the role of the automobile. TODs mix residential, retail, office, open space, and public uses within a comfortable walking distance, making it convenient for residents and employees to travel by transit, bicycle, by foot, or by car.

Transit: the carrying of passengers in a bus or trolley along a regularly scheduled route for a fixed, basic fare.

Traveled Way: the lanes of a street or roadway in which the moving vehicles travel. Does not include shoulders or parking lanes.

Vertical Curve: a geometric design feature of a roadway that provides a smooth transition between an ascending grade and a descending grade, or vice versa. A *crest* vertical curve begins with an ascending grade and ends with a descending grade. A *sag* vertical curve begins with a descending grade and ends with an ascending grade.

Visibility Areas: specified areas along intersection corners that should be clear of obstructions that might block a driver's view of pedestrians and potentially conflicting vehicles. The dimensions of visibility areas depend on the design speeds of the intersecting roadways and the types of traffic control used at the intersections.

Index of Terms

A

Access Control Plans
 A Policy on Geometric Design of Highways and Streets
 ADA
 ADT
 Agriculture
 Alternative Treatments for At-Grade Pedestrian Crossings, 2001
 All-way stop control
 All-weather walkways
 Alleys
 American Association of State Highway and Transportation Officials (AASHTO)
 Americans with Disabilities Act Accessibility Guidelines (ADAAG)
 Angle parking
 Artistic element
 Asphalt concrete

B

Best Management Practices Available to Address Storm Runoff Water Quality Associated with Street Design
 Bicycle racks
 Bike path
 Bikeways
 Biofilter design
 Boulevards
 Brick pavers
 Bus pads
 Bus shelters

C

California Department of Transportation (CalTrans)
 Calthorpe Associates
 Civic San Diego Streetscape Manual
 Channelization
 Chicanes
 City Engineer
 City of San Diego Standard Drawings
 Citywide Landscape Regulations
 Class I bicycle path
 Class II bicycle lanes

Collector street
 Commercial local street
 Community plans
 Compound curves
 Continuous street lighting
 Coordinated traffic signals
 Corner sight distance
 Cul-de-sacs
 Curb extensions
 Curb ramps
 Curb return radius

D

Design ADT
 Design speed
 Designing for transit
 Development Services Department
 Deviation from Standards Form
 Drainage
 Drainage Design Manual
 Driveways
 Dual drainage systems

E

Easement
 Emergency vehicle access
 Encroachment

F

Fire lanes
 Four-lane major street
 Four-lane urban collector street
 Four-lane urban major street

G

Grade
 Guardrail

H

Highway Design Manual
 Horizontal curves

I

Industrial local street
 Intersection(s)
 Intersection design and operation

K

Index of Terms

Knuckles

L

Land Development Code
Landscape maintenance district
Landscape Technical Manual
Landscape, landscaping
Large lot single dwelling residential lighting
Local street
Low-density multiple dwelling residential
Low-profile landscaping
Low-volume residential local street

M

Maintenance assessment district
Major street
Manual on Uniform Traffic Control Devices(MUTCD)
Maximum grade
Median breaks
Median, concave
Median opening
Median(s)
Median slow point,
Medium to Very High Density Multiple Dwelling Residential
Metropolitan Transit System (MTS)
Mid-block crosswalks
Minimum grade
Minor street
Municipal code

N

Neighborhood(s)
Neighborhood commercial

O

Object height
Open space
Open space park
Open space conservation
Open space floodplain
Ornamental street lighting

P

Parking
Parking bays
Parkway
Speed tables

Passing sight distance
Pavement
Pedestrian
Pedestrian design
Pedestrian realm
Pedestrian island passageways
Pedestrian-scale lighting
Pedestrianway/Bikeway
Planned residential developments
Planning and Designing for Pedestrians, Model Guidelines for the San Diego Region
Pop-outs
Precise plans
Primary arterial
Private street
Public transportation

R

Raised crosswalks
Raised medians
Raised pavement markers
Residential cul-de-sac
Residential local street
Right-of-way (ROW)
Road lumps
Roadway islands
Rolled curbs
Rural collector road
Rural local road
Rural swale system

S

San Diego Regional Standard Drawings
Semi-diverter
Sidewalks
Sidewalk design
Sidewalk, highway on/off ramps
Sidewalk, innovative
Sidewalk, overpasses and underpasses
Sidewalk, zones
Sight distance
Signalization
Single dwelling residential
Single loaded street
Six-lane urban major street
Six-lane primary arterial
Small lot industrial
Stamped concrete

Index of Terms

Standard Special Provisions Street & Traffic
Signal Systems
Standard Specifications for Public Works
Construction
Stop signs
Stopping sight distance
Storm water runoff
Street design
Street furnishings
Street furniture
Street lighting assessment districts
Street lights
Street name signs
Street trees
Street tree permit
Superelevation
Surfaces
Swale inlet

T

Title 24
Traffic calming
Traffic circles
Traffic control
Traffic diverters

Transit-Oriented Developmental Design
Guidelines
Transit streets
Transitions
Transitway
Traveled way
Two-lane collector street
 with two-way left-turn lane
Two-lane industrial collector street
Two-lane sub-collector street

U

Urban curb
Urban village

V

Vegetated swale
Vertical curves
Vertical deflections
Visitor commercial

W

Walkways
Water quality

Y

Yield signs

Traffic Impact Study Manual
Traffic signals
Transit